

Abstract of the Disclosure

POSITIVE AIR FLOW DRIVE TRAIN UNIT FOR UTILITY VEHICLE

[0034] A utility vehicle is provided which has a CVT drive unit. A housing for the drive unit provides an enclosure for the CVT drive components and defines an air flow path. An inlet port associated with the CVT housing includes a fan assembly which provides a source for filtered ambient air flow into the CVT housing. An outlet port associated with the CVT housing provides an exit for the air flow path and equalizes pressure within the enclosure. The interior of the housing is pressurized with ambient air in order to cool the CVT components therein. The pressurized air also creates an air curtain which prevents moisture and debris from intruding into the housing. Preferably the fan is powered separately from the engine of the utility vehicle to ensure positive air flow into the CVT housing even when the engine is in idle mode.